



Dart Aerospace Ltd.
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Hawkesbury, ON
K6A 1K7
Canada

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D2581

Job Sheet 188233



Part No: D2581

Job Qty: 40 pcs

Part Name: Mounting Bracket



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/4/19

Job Tracking No:

Due Date: 1/18/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV A1 IPP D 01.07.17 Added info to step 2 SM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	Waterjet - Flow - 1	40 pcs	1/18/19	1/18/19	0.00	1.95	Waterjet - Flow	
120	QC 8	40 pcs	1/18/19	1/18/19	0.00	0.00	QC 8 - 12	
							QC 8 - 14	
							QC 8 - 17	
							QC 8 - 20	
							QC 8 - 25	
							QC 8 - 3	
							QC 8 - 32	
							QC 8 - 33	
							QC 8 - 35	DAS
							QC 8 - 38	38
							QC 8 - 39	3-88
							QC 8 - 4	
							QC 8 - 44	
							QC 8 - 45	
							QC 8 - 49	
							QC 8 - 58	
							QC 8 - 8	
							QC 8 - 9	
							QC 8 - 68	
							QC 8 - 67	
130	Small Fab - 2 - B4B	40 pcs	1/18/19	1/18/19	0.00	0.00	Small Fab - 1 - B4B	
							Small Fab - 2 - B4B	
							Small Fab - 3 - B4B	
							Small Fab - 4 - B4B	
							Small Fab - 5 - B4B	
							Small Fab - 6 - B4B	
							Small Fab - 7 - B4B	
140	QC 5	40 pcs	1/18/19	1/18/19	0.00	0.00	QC 5 - 10	
							QC 5 - 12	
							QC 5 - 17	
							QC 5 - 18	

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

					QC 5 - 19	
					QC 5 - 22	
					QC 5 - 24	
					QC 5 - 3	DAS
					QC 5 - 38	38
					QC 5 - 42	9-89
					QC 5 - 43	
					QC 5 - 49	
					QC 5 - 51	
					QC 5 - 58	
					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	
					QC 5 - 30	
150	Packaging 3-1 - Stock - B4B	40 pcs	1/18/19	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	MAZ
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
160	QC 21 - SA	40 pcs	1/18/19	0.00 0.00	QC 21 - SA - 21	DAS
					QC 21 - SA - 70	JAN 11 2019 70
						9-89
Part Op 100 - 1-Cut as per Dwg D2581 Dwg Rev:_____ Prog Rev:_____ 2-Deburr if necessary						
Descriptions: 120 - (QC8- Inspect parts - second check)						
130 - (small fab)Form as per dwg						
140 - (QC5- Inspect part completeness to step on W/O)						
150 - (Identify as per dwg & Stock Location:_____)						
160 - (QC21- Final Inspection - Work Order Release)						
Job BOM						
Part / Item	Component Name	Quantity		Operation		Container

MAZ

DAS
JAN 11 2019 70
9-89

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____		Sequence #: _____		QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation				Disposition			
				Completed By			
				Lead hand / Supervisor			
				QC / QA Coordinator			
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread					
		Other/Details:					

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Waterjet - Flow - 1	M304S11GA	1	31	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Mounting Bracket	0.328inches + 0.006 - 0.001	0.334 0.327		
2	Mounting Bracket	0.191inches + 0.005 - 0.001	0.196 0.190		
3	Mounting Bracket	0.750inches ± 0.010	0.760 0.740		
4	Mounting Bracket	3.596inches ± 0.010	3.606 3.586		
5	Mounting Bracket	2.846inches ± 0.010	2.856 2.836		
6	Mounting Bracket	1.995inches ± 0.010	2.005 1.985		
7	Mounting Bracket	0.250inches ± 0.010	0.260 0.240		

Plex 1/4/19 12:56 PM Dart.lajeunesse.marie

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____

Part No. _____

DEPARTMENT/PROCESS

☐ Sub	☐ Cross tube	☐ Eng. (Non-AW)	☐ Engineering
☐ Machining	☐ Small Fab	☐ Prod. Eng. Coord.	☐ Water Jet
☐ Large Fab	☐ Finishing	☐ Rec/Store/Packaging	☐ Supplier Quality

Date: _____

Seq _____

MRB (QSI042)

Description Work _____

Completed By _____

Lead hand / Supervisor _____

QC / QA Coordinator _____

Root Cause

☐ Operator
☐ Manufacturing Process
☐ Equip/Tooling
☐ Handling/Presservation
☐ Material
☐ Product Improvement
☐ Process Improvement
☐ Human Factors

☐ Pressure/Forced
☐ Bending
☐ Crushing
☐ Cracks
☐ Crimp/Kink/Ripple/Wave/Twist
☐ Marks/Chatter
☐ Mislabeled

☐ Conc
☐ Misaligned/Off
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Incomplete/Unclear Instructions
☐ Drill Holes
☐ Fit/Function

☐ Power Loss/Surge
☐ Program
☐ Direction
☐ Weld
☐ Wrong Stock Pulled
☐ Out of Sequence
☐ Off-set/Set-up

☐ Positioned Wrong
☐ Outside Tolerance
☐ Drawing
☐ Finish
☐ Part Lost/Missing
☐ Misread

Other/Details: _____



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Job Production Records

Job No	Part No	Op No	Operation	Workcenter	Employee	Date	Shift	Time	Quantity
188233	D2581	100	Waterjet - Flow - 1	Waterjet - Flow	Conway	1/9/19	1st	2:37 PM	60
188233	D2581	120	QC 8	QC 8 - 38	Berniquez	1/10/19	1st	12:50 PM	60
188233	D2581	130	Small Fab - 2 - B4B	Small Fab - 2 - B4B	Boucher	1/11/19	1st	9:19 AM	60
188233	D2581	140	QC 5	QC 5 - 38	Berniquez	1/11/19	1st	10:03 AM	60
188233	D2581	150	Packaging 3-1 - Stock - B4B	Packaging 3 - 11 - B4B	Lauzon	1/11/19	1st	10:15 AM	60
188233	D2581	160	QC 21 - SA	QC 21 - SA - 21	Lacelle	1/11/19	1st	10:39 AM	60
Total:									360